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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

09/939,061

Sheet _1_ of _4_

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

Lawrence Howell SAWYER et al.

FILING DATE

APPLICANT(S)

GROUP

24 August 2001

KCC-16,208

	t)	S PATENT D	OCUMENTS						
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE			
AA	3,849,241	11/1974	Butin et al.	161	169				
АВ	4,663,220	05/1987	Wisneski et al.	428	221				
AC	4,940,464	07/1990	Van Gompel et al.	604	396	,			
AD	5,046,272	09/1991	Vogt et al.	38	143				
AE	5,104,116	04/1992	Pohjola	271	185				
AF	5,149,335	09/1992	Kellenberger et al.	604	372		A.		
AG	5,224,405	09/1993	Pohjola	83	24				
АН	5,226,992	07/1993	Morman	156	62.4				
AI	5,601,542	02/1997	Melius et al.	604	368				
AJ	6,214,274	04/2001	Melius et al.	264	280				
AK	09/475,829 (Application)	12/1998	Dodge, II et al.				1		
	FORE	EIGN PATENT	DOCUMENTS						
TRANSLATIO									
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO		
AL	217 032	04/1987	EPO	D04H	13/00		1		
АМ	122 042	10/1984	EPO	A61F	13/00		14		
AN	325 416	07/1989	EPO	A61F	13/15				
AO	565 630	10/1993	EPO	A61F	13/46		1/		
AP	95/17870	07/1995	PCT	A61F	13/15				
	OTHER PRIOR ART ((Including Autho	or, Title, Date, Pertinent F	Pages, Etc.)					
A.D.	U.S. Patent Application filed on 23 October 2000, by Express Mail No. EL 503 397 837 US								
AK	("Forming Media With E	Enhanced Air	Flow Properties").						
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	AB AC AD AE AF AG AH AI AJ AK AL AM AN AO	AA 3,849,241 AB 4,663,220 AC 4,940,464 AD 5,046,272 AE 5,104,116 AF 5,149,335 AG 5,224,405 AH 5,226,992 AI 5,601,542 AJ 6,214,274 AK 09/475,829 (Application) FORE DOCUMENT NUMBER AL 217 032 AM 122 042 AN 325 416 AO 565 630 AP 95/17870 OTHER PRIOR ART ART U.S. Patent Application filed	AA 3,849,241 11/1974 AB 4,663,220 05/1987 AC 4,940,464 07/1990 AD 5,046,272 09/1991 AE 5,104,116 04/1992 AF 5,149,335 09/1992 AG 5,224,405 09/1993 AH 5,226,992 07/1993 AI 5,601,542 02/1997 AJ 6,214,274 04/2001 AK 09/475,829 (Application) 12/1998 FOREIGN PATENT AL 217 032 04/1987 AM 122 042 10/1984 AN 325 416 07/1989 AO 565 630 10/1993 AP 95/17870 07/1995 OTHER PRIOR ART (Including Author ART) U.S. Patent Application filed on 23 Octob	AA 3,849,241 11/1974 Butin et al. AB 4,663,220 05/1987 Wisneski et al. AC 4,940,464 07/1990 Van Gompel et al. AD 5,046,272 09/1991 Vogt et al. AE 5,104,116 04/1992 Pohjola AF 5,149,335 09/1992 Kellenberger et al. AG 5,224,405 09/1993 Pohjola AH 5,226,992 07/1993 Morman AI 5,601,542 02/1997 Melius et al. AJ 6,214,274 04/2001 Melius et al. AK 09/475,829 (Application) 12/1998 Dodge, II et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY AL 217 032 04/1987 EPO AM 122 042 10/1984 EPO AN 325 416 07/1989 EPO AO 565 630 10/1993 EPO AP 95/17870 07/1995 PCT OTHER PRIOR ART (Including Author, Title, Date, Pertinent FOREIGN ART (Including Author, Title, Date, Pertinent FOR	DOCUMENT NUMBER DATE NAME CLASS	DOCUMENT NUMBER DATE NAME CLASS SUBCLASS	DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING IFAPPR		

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		U.S	PATENT D	OCUMENTS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUBCLASS		FILING I		
WA	AA	09/475,830 (Application)	12/1998			_			
	AB	4,610,678	09/1986	Weisman et al.	604	368			
	AC	4,818,598	04/1989	Wong	428	284			
	AD	4,950,264	08/1990	Osborn, III	604	385.1			
	AE	5,009,653	04/1991	Osborn, III	604	385.1			
	AF	5,128,082	07/1992	Makoui	264	112			
	AG	5,378,528	01/1995	Makoui	428	219			
	АН	5,460,622	10/1995	Dragoo et al.	604	378			
	AI	5,466,513	11/1995	Wanek et al.	428	218			
	AJ	5,486,167	01/1996	Dragoo et al.	604	384		···············	
	AK	5,516,569	05/1996	Veith et al.	428	68	1		
-			•	F DOCUMENTS	1 420		1	·····	
	Γ	TOKE	I	T BOOOMENTO	1		TRANSL	ATION	
•		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
CUA	AL	96/11107	04/1996	PCT	B32B	5/26			
1	АМ	2,296 510	07/1996	· GB	A61F	13/15			
i	AN	737 055	10/1996	EPO	A61F	13/15			
	AO	2 306 333	05/1997	GB	A61F	13/15		\supset	
V	AP	98/28479	07/1998	РСТ	D04H	1/70			
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	MINER TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		OPRIATE	
	LA	AA	5,547,541	08/1996	Hansen et al.	162	12			
	<u> </u>	AB	5,562,646	10/1996	Goldman et al.	604	368			
_		AC	5,635,239	06/1997	Chen et al.	427	180			
		AD	5,669,894	09/1997	Goldman et al.	604	368			
		AE	5,728,083	03/1998	Cohen et al.	604	368			
		AF	5,730,737	03/1998	Widlund et al.	604	378			
		AG	5,843,063	12/1998	Anderson et al.	604	378			
		АН	5,866,242	02/1999	Tan et al.	428	219			
		Al	5,916,670	06/1999	Tan et al.	428	219			
		AJ	5,961,506	10/1999	Guidotti et al.	604	378			
→		AK	6,020,536	02/2000	Osterdahl et al.	604	378			
			FOREIG	N PATENT	DOCUMENTS					
					OO! NEDV			TRANS	SLATION	
			DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
N	14	AL	898 950	03/1999	EPO	· A61F	13/15		\downarrow	
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		AN	979 728	02/2000	EPO	B32B	7/12		>_	
		AO	00/27625	05/2000	PCT	B32B	5/16			
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*EXAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPRO		
WA	АА	6,037,518	03/2000	Guidotti et al.	604	378			
1	AB	6,060,115	05/2000	Borowski et al.	427	200			
V	AC	6,118,042	09/2000	Palumbo	604	368	1		
	AD	0,110,042	03/2000_	Talumoo	1004	308			
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